



Provincial Achievement Tests and Diploma Exams 2012-13

learning | **as unique** | as every student



**Calgary Board
of Education**



The Purpose of Achievement Testing

Achievement tests are only one source of information used to measure academic success.

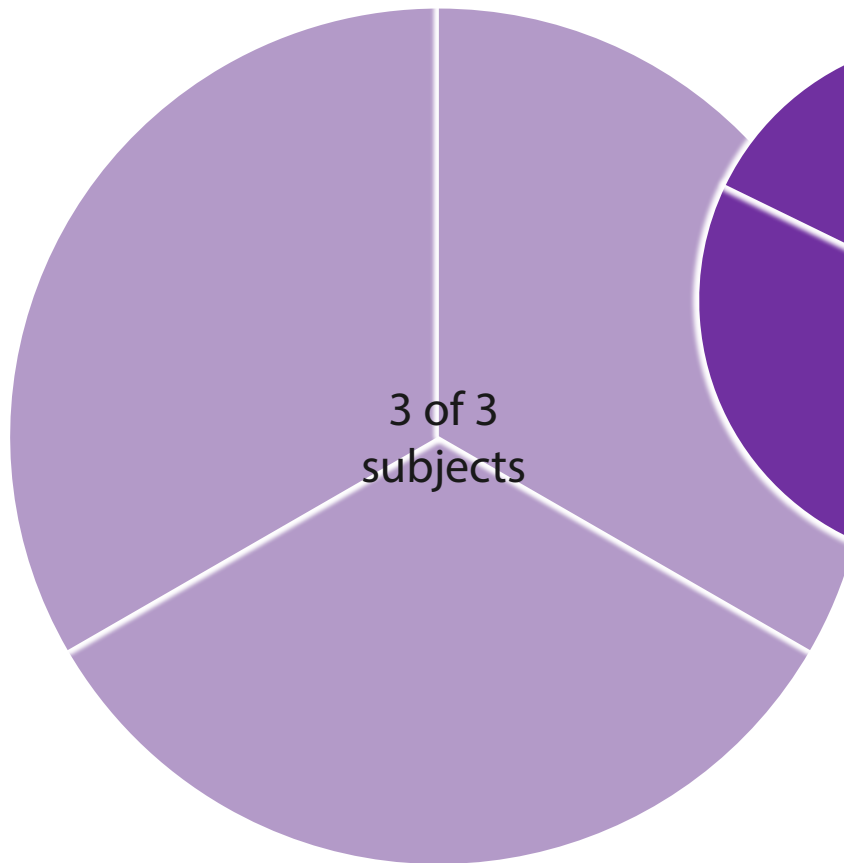
Their purpose is to:

- determine if students are learning what they are expected to learn;
- report to Albertans how well students have achieved provincial standards at given points in their schooling;
- assist schools, jurisdictions, and the province in monitoring and improving student learning.

PATs completed before the flood

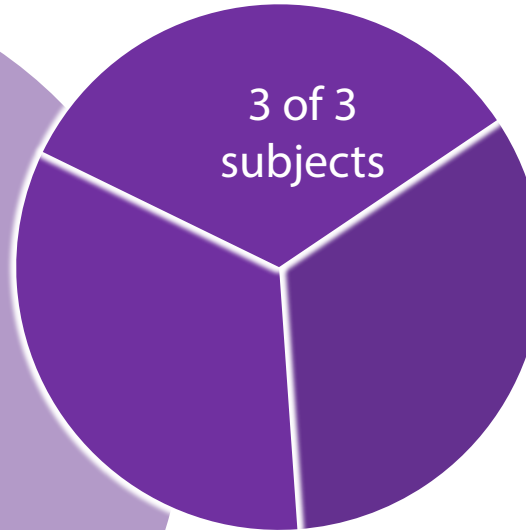
Calgary Board of Education											
ACHIEVEMENT TEST RESULTS: STUDENTS ENROLLED											
School Year 2012-2013 ¹											
SUBJECT AND GRADE	NUMBER ENROLLED		PARTICIPATION RATE (%)			RESULTS BASED ON ALL STUDENTS ENROLLED IN THE GRADE					
						ACCEPTABLE STANDARD (%)			STANDARD of EXCELLENCE (%)		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
Grade 3											
Eng.Lang.Arts	7916	46130	94.5	91.3	3.2	85.2	81.5	3.7	19.3	17.8	1.5
Fr. Lang.Arts	574	3400	96.9	96.2	0.7	81.7	79.7	2.0	15.5	12.4	3.1
Math	7907	46076	95.1	92.1	3.0	79.0	76.5	2.5	27.5	25.5	2.0
Grade 6											
Eng.Lang.Arts	6962	44169	93.6	90.8	2.8	86.8	82.5	4.3	18.3	16.3	2.0
Fr. Lang.Arts	413	2602	98.3	98.0	0.3	93.0	88.6	4.4	19.9	16.3	3.6
Math	6954	44117	93.9	90.9	3.0	76.4	73.0	3.4	18.0	16.4	1.6
Science	6959	44166	93.6	90.9	2.7	79.9	77.5	2.4	26.7	25.9	0.8
Soc. Studies	6948	43942	92.1	90.1	2.0	75.5	72.7	2.8	18.3	19.0	-0.7
Grade 9											
Fr.Lang.Arts	618	2486	95.3	97.1	-1.8	87.2	87.2	0.0	13.8	13.9	-0.1
¹ Jurisdiction results are presented with percentages based on all students enrolled in the grade.											
											Table 1

Grade 3 PATs



Acceptable Standard

Standard of Excellence



- CBE student results above provincial results in all three subjects
- At the acceptable standard, achievement is maintained
- Results are consistent over the past five years at the standard of excellence

Grade 6 PATs

Standard of Excellence

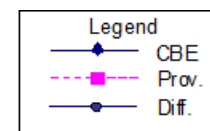
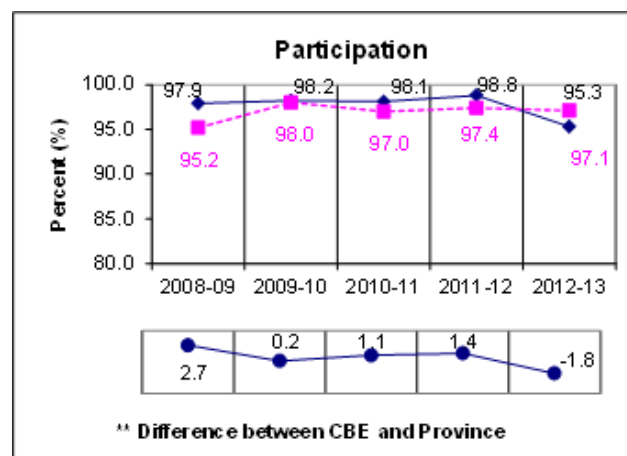
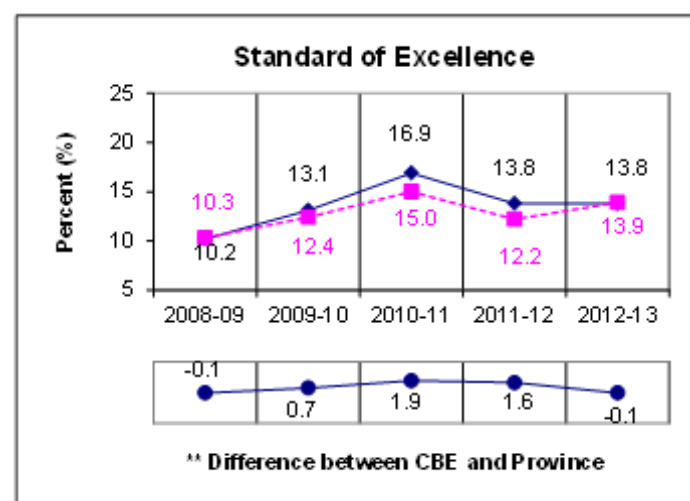
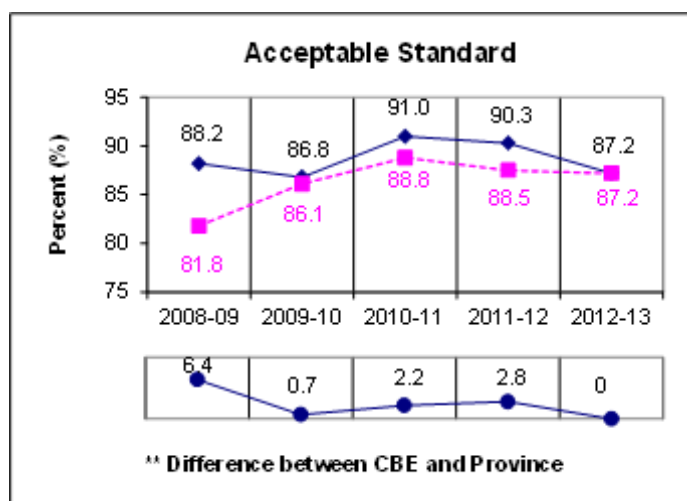
4 of 5
subjects

5 of 5
subjects

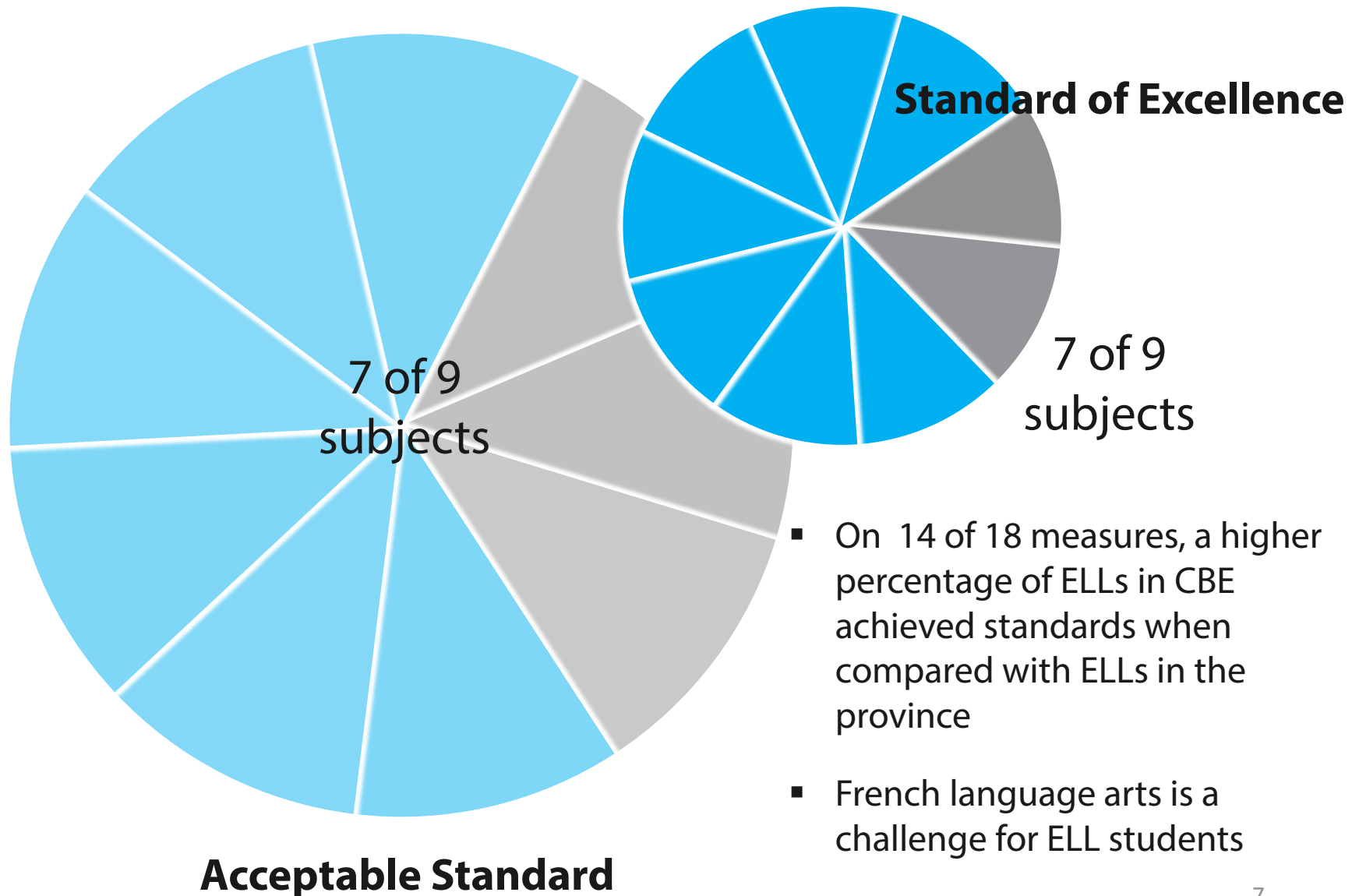
Acceptable Standard

- CBE student results above provincial results in every subject at the acceptable standard
- At the standard of excellence, results above the provincial results in every subject except Social Studies, where CBE results were marginally below

Grade 9 French Language Arts

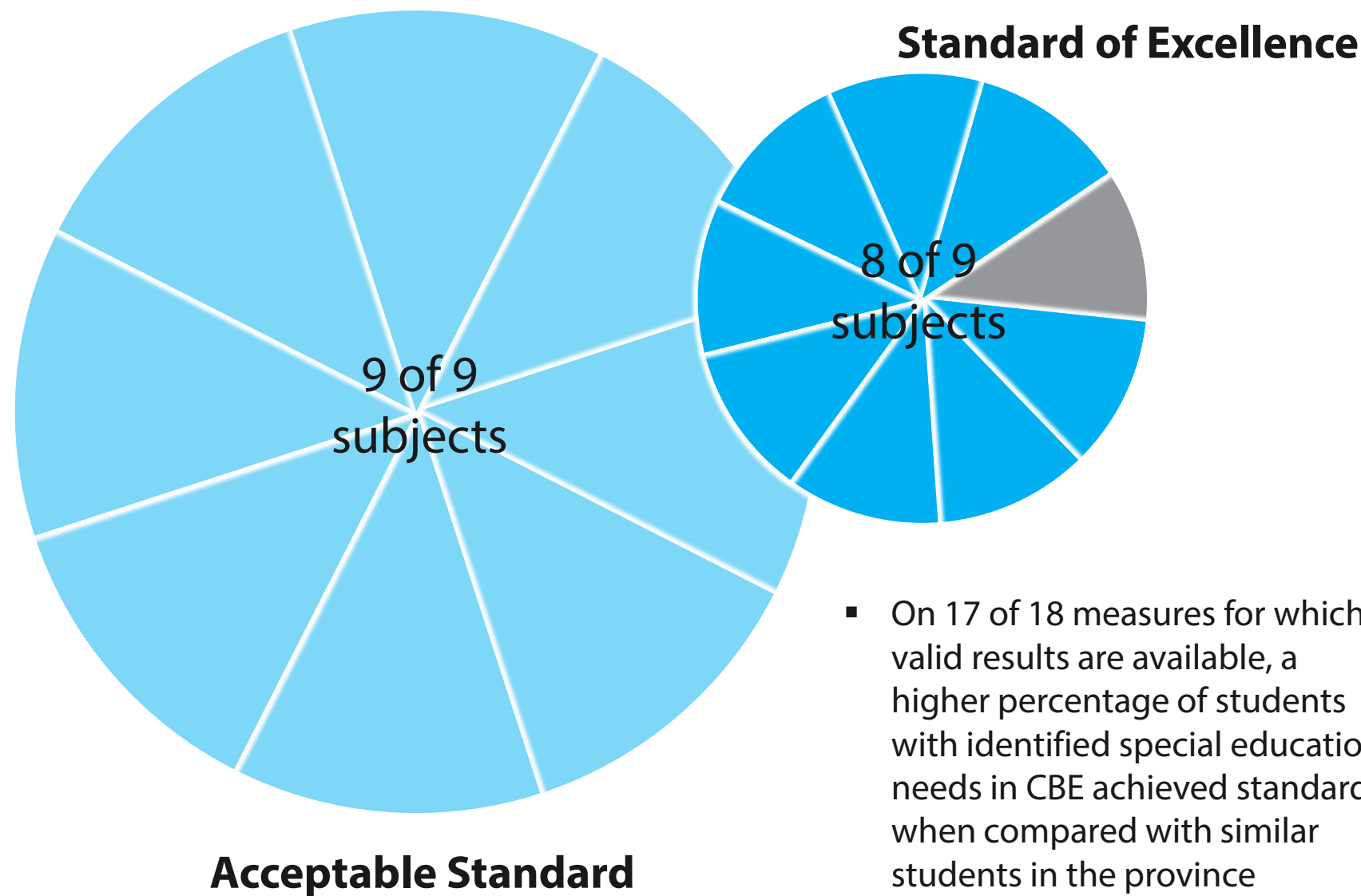


English Language Learners PATs





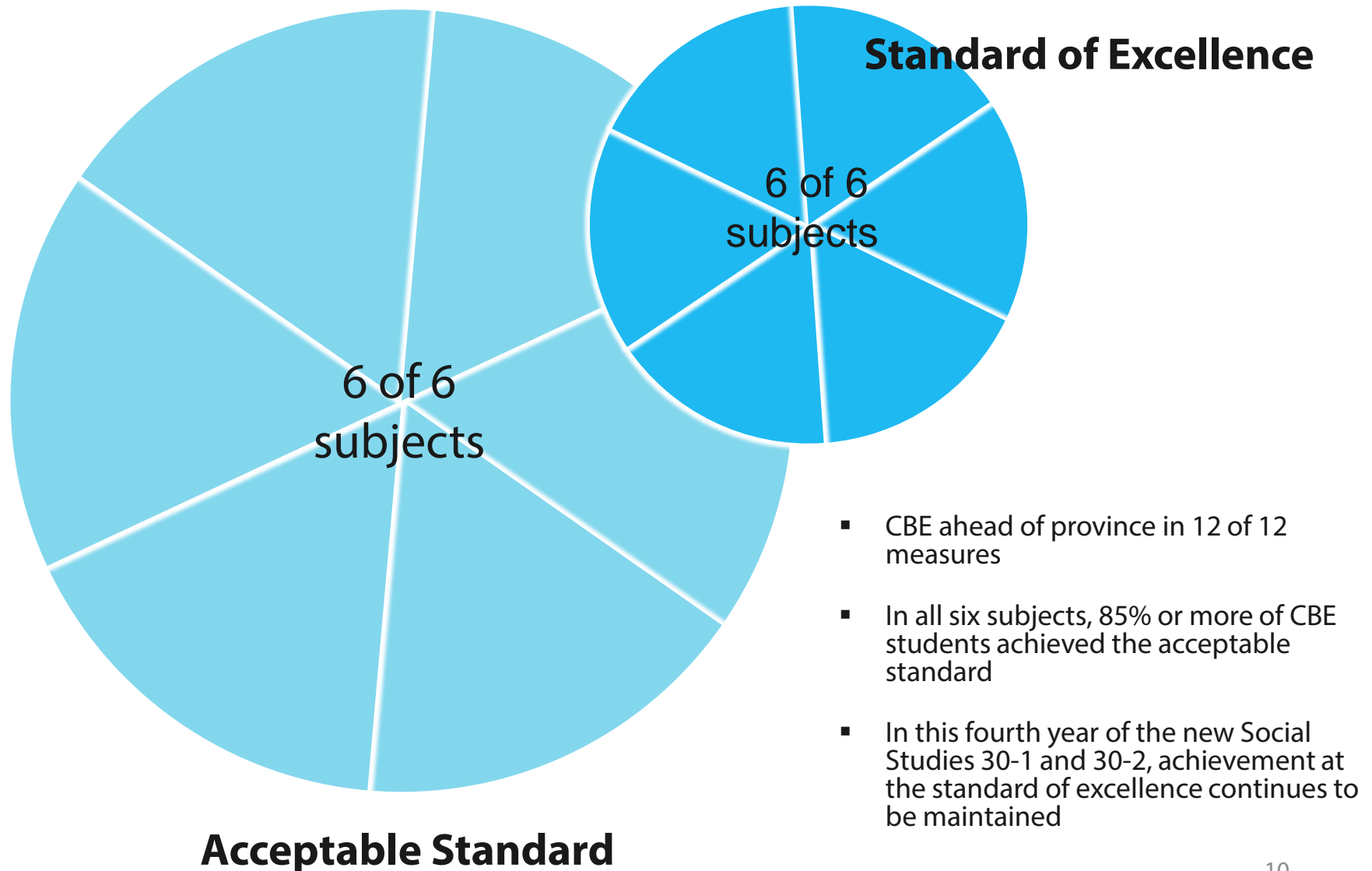
Students with Identified Special Education Needs PATs



Diploma Exams completed before the flood

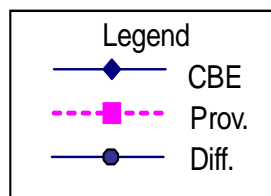
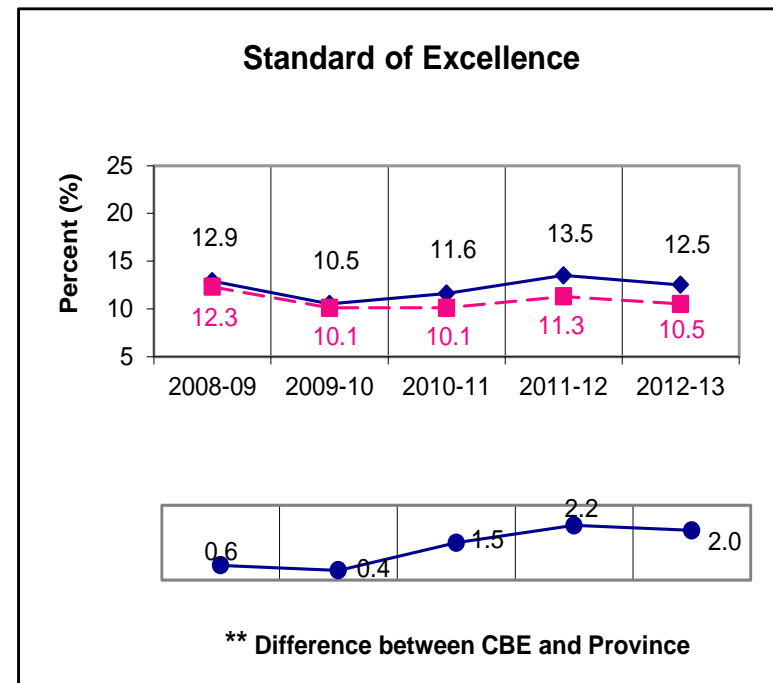
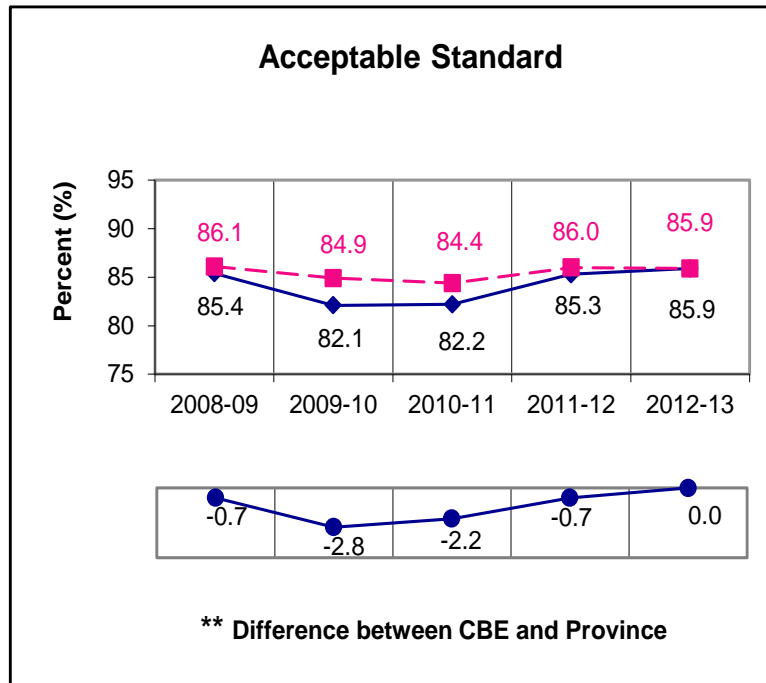
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DIPLOMA EXAM RESULTS FOR SUBJECTS WRITTEN BEFORE JUNE 20								
SCHOOL YEAR 2012-2013 (Entire School Year Results) ¹								
COURSE ⁵	NUMBER		DIPLOMA MARKS					
	WRITING		ACCEPTABLE			STANDARD		
			STANDARD (%) ³			OF EXCELLENCE (%) ⁴		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
English 30-1	6,299	28,411	85.9	85.9	0.0	12.5	10.5	2.0
English 30-2	2,502	15,068	89.5	89.5	0.0	12.2	11.1	1.1
Fr. Lang. Arts 30-1	402	1,252	96.5	95.3	0.8	18.4	12.5	5.9
Social 30-1	4,132	22,312	89.9	85.4	4.5	22.0	15.2	6.8
Social 30-2	3,609	17,959	86.9	82.4	4.5	21.5	13.9	7.6
Biology 30	4,278	22,025	88.6	84.3	4.3	41.6	32.4	9.2
¹ Entire school year results show the performance of all students in the school authority for all tests. ² Percent of Students obtaining Acceptable Standard i.e. Pass - a mark of 50% to 100%. ³ Percent of Students obtaining Standard of Excellence i.e. Honours - a mark of 80% to 100%. ⁴ Students writing French translations of the examinations are included in the statistics.								

CBE Diploma Exam results



Detailed data and trends

English Language Arts 30-1



Five-year trending data can help focus efforts to drive improvement



PATs scheduled to be written during the flood

Alberta Education cancelled the remaining PATs:

- Grade 9 English Language Arts Part B and K&E ELA Part B
- Grade 9 Mathematics and K&E Mathematics
- Grade 9 Science and K&E Science
- Grade 9 Social Studies and K&E Social Studies
- For the K&E PATs, no students wrote

Post-flood Grade 9 PATs

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ACHIEVEMENT TEST RESULTS: STUDENTS ENROLLED**											
School Year 2012-2013**											
SUBJECT AND GRADE	NUMBER ENROLLED		PARTICIPATION RATE (%)			RESULTS BASED ON ALL STUDENTS ENROLLED IN THE GRADE**					
						ACCEPTABLE STANDARD (%) ²			STANDARD OF EXCELLENCE (%) ³		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
Grade 9											
Eng. Lang. Arts**	192	28144	96.4	87.5	8.9	91.7	76.4	15.3	17.2	14.7	2.5
Math**	183	28161	96.7	88.4	8.3	85.8	66.5	19.3	42.6	18.2	24.4
Science**	131	28832	97.7	88.8	8.9	94.7	72.6	22.1	41.2	19.9	21.3
Soc. Studies**	100	29029	99.0	88.3	10.7	94.0	65.3	28.7	44.0	18.7	25.3
**Results DO NOT include students who were exempted from writing the achievement test because of flooding in Calgary. Grade 9 results are therefore misleading with participation reduced from 7,000 to <200 due to flood-related school closures.											
											Table 1

Post-flood Diploma Exams

Calgary Board of Education								
DIPLOMA EXAM RESULTS								
SCHOOL YEAR 2012-2013 (Entire School Year Results) ¹								
COURSE	NUMBER		DIPLOMA MARKS					
	WRITING		ACCEPTABLE			STANDARD		
			STANDARD (%) ²			OF EXCELLENCE (%) ³		
			CBE			CBE		
	CBE	Prov.	CBE	Prov.	Minus	CBE	Prov.	Minus
					Prov.			Prov.
Mathematics 30-1	4,002	19,840	85.3	80.3	5.0	47.6	35.4	12.2
Mathematics 30-2	1,280	9,645	68.6	68.7	-0.1	9.2	9.6	-0.4
Chemistry 30	2,667	15,897	84.6	78.8	5.8	41.2	31.8	9.4
Physics 30	1,471	8,920	85.2	81.1	4.1	40.9	30.3	10.6
Science 30	592	5,506	81.9	84.1	-2.2	20.4	25.8	-5.4
¹ Entire school year results show the performance of all students in the school authority for all tests.								
² Percent of Students obtaining Acceptable Standard i.e. Pass - a mark of 50% to 100%.								
³ Percent of Students obtaining Standard of Excellence i.e. Honours - a mark of 80% to 100%.								
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